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/A.N./		ASME 1 85-67-181, Stress Rupture Test Rig Design for EVALUATING CERAMIC MATERIAL SPECIMENS, The AMERICAN SOCIETY OF MECHANICAL ENGINEERS PAGES - 7 NEW YORK NY TECHNOLOGY ASME 85-67-177, A6T 101- ADVANCED GAS TURBURE TECHNOLOGY UPDATES TO ADVENCED FOR THE ANGINEERS	-
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/A.N./		ASNE 85-67-125 Application of a Vahicular Design, That Duty GAS Turbine Engine to a Military Generator Set, The American Society of Mechanical Engineers Agi-5 NewYork NY	
/A.N./		Aerospace Engineering August 1993 Pg 17-20	
/A.N.	/	J.H. WEAVING, NomINAted Lecture SMAILGAS TURBINE PAges 3 - 27	
/A.N./		AI MAGAZINE June 1996 DNF for PAtriot Pg 83	

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/A.N./		TETT, A-tomotive GAS Turbines GOVERNMENT FUNDING T THE WAY ALEAD. PAJED 17-21 PS 8-11 1995 VO/35 NO4	ļ
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/A.N./		Americas Small Gas Turbine are by News. Pg 16-19	
/A.N./		Robert E. FARMER, The Automotive GAS Turbine - Status Report SAWYERS GAS Turbine HAND book VOIZ PAges 350-357	ļ
	/	Mechanical Engineering June 1996, Concept Trucks for City Deliveries Pg 1	
/A.N.		ASME 88-67-243, AGT 101/ATTAP CERAMIC Technology Development, The American Society of Mechanical Engineers	4
/A.N./		Volvo Technology Report No 2 1993, The Volvo High Speed Generation Hybrid Drive Pages 1-8	
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